APPLICANT(S): FUDIM, Max et al.
SERIAL NO.:   10/647,212
FILED: August 26, 2003
Page 2

AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows, and cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims indicated as cancelled:

1.   (Previously Presented) A method of secure roaming from a first access point to a second access point comprising:

operating in a secured connection on a first port with the first access point;

presenting a first power saving mode on the first port to the first access point;

establishing the secured connection on a second port with the second access point;

presenting a second power saving mode on the second port to the second access point while dissociating with said first access point; and

exiting the second power saving mode on the second port.

2.   (Previously Presented) The method of claim, 1 wherein establishing the secure connection comprises:

associating with the second access point; and

creating a port authentication entity on the second port with the second access point.

3.   (Previously Presented) The method of claim 2, further comprising:

after exiting the first power saving mode with said first access point, receiving buffered data from the first access point.

4.   (Previously Presented) The method of claim 2, comprising:

unauthorizing the first port;

APPLICANT(S):   FUDIM, Max et al.
SERIAL NO.:   10/647,212
FILED: August 26, 2003
Page 3

disassociating from the first access point;

authorizing the second port; and

associating with the second access point.

5.   (Currently Amended) An apparatus capable of secure roaming from a first
access point to a second access point comprising:

a supplicant unit to provide first and second secured connections to a
first and a second access point on first and second ports, respectively, and
to present a power saving mode to the first access point while unauthorizing
the second port to enable establishment of the second secured connection
with the second access point, wherein the supplicant unit is able to present
the power saving mode to the second access point while disassociating with
the first access point.

6.   (Cancelled)

7.   (Currently Amended) The apparatus of claim [[6]] 5, wherein the supplicant unit
is able to present the power saving mode to the second access point and to receive
buffered data from the first access point.

8.   (Canceled)

9.   (Previously Presented) The apparatus of claim 5, wherein the first port is
authorized and the second port is in an unauthorized mode while performing a
secured communication with the first access point.

10.   (Previously Presented) The apparatus of claim 5, wherein the second port is
authorized and the first port is in an unauthorized mode while in secured
communication with the second access point.

APPLICANT(S):   FUDIM, Max et al.
SERIAL NO.:   10/647,212
FILED: August 26, 2003
Page 4

11.   (Currently Amended) A wireless communication system comprising:

a station to roam from a first secure link with a first access point to a
second secure link with a second access point, wherein the station includes
a supplicant unit to present a first power saving mode to the first access
point while establishing the secured connection with the second access
point and a second power saving mode with the second access point <u>while</u>
disassociating with the first access point.

12.   (Previously Presented) The wireless communication system of claim 11,
wherein the supplicant unit is able to associate with the second access point while
presenting the power saving mode to the first access point and to establish an
authenticated link with the second access point.

13.   (Previously Presented) The wireless communication system of claim 12,
wherein the supplicant unit is able to present a power saving mode to the second
access point to receive buffered data from the first access point.

14.   (Previously Presented) The wireless communication system of claim 11, further
comprising:

an authentication server to provide an authentication protocol to the first
and second secured links between the station and the first and second
access points, respectively.

15.   (Original) The wireless communication system of claim 11, wherein the station
comprises a supplicant unit to enable authentication.

16.   (Previously Presented) The wireless communication system of claim 11,
wherein the first and second access points comprises an authenticator unit to enable
the station to maintain a secured communication with at least one of the first and
second access point.

APPLICANT(S):   FUDIM, Max et al.
SERIAL NO.:   10/647,212
FILED: August 26, 2003
Page 5

17.   (Previously Presented) The wireless communication system of claim 14, wherein the authentication server is configured as a remote authentication dial-in user service (RADIUS) server.

18.   (Original) The wireless communication system of claim 14, wherein the authentication protocol comprises an extensible authentication protocol.

19.   (Original) The wireless communication system of claim 14 comprising a wireless local area network.

20.   (Previously Presented) The wireless communication system of claim 11, wherein the first port is authorized while performing the secured communication with the first access point and the second port is in unauthorized to enable an authentication protocol to initiate the secure connection with the second access point.

21.   (Original) The wireless communication system of claim 11, wherein the second port is authorized while performing a secured communication with the second access point and the first port is unauthorized.

22.   (Currently Amended) A mobile station capable of secure roaming from a first access point to a second access point comprising:

an internal antenna to transmit and receive secured communications; and

a supplicant unit to provide first and second secured connections to a first and a second access point on a first and second ports, respectively, and to present a power saving mode to the first access point while unauthorizing the second port to enable establishment of second secured connection with the second access point, wherein the supplicant unit is able to present the

APPLICANT(S):   FUDIM, Max et al.
SERIAL NO.:   10/647,212
FILED: August 26, 2003
Page 6

> power saving mode to the second access point while disassociating with the first access point.

23. (Canceled).

24. (Currently Amended) The mobile station of claim [[23]] 22, wherein the supplicant unit is able to present the power saving mode to the second access to receive buffered data from the first access point.

25. (Canceled)

26. (Previously Presented) The mobile station of claim 22, wherein the first port is authorized while performing a secured communication with the first access point and wherein the second port is in an unauthorized mode.

27. (Previously Presented) The mobile station of claim 22, wherein the second port is authorized while in secured communication with the second access point and the first port is in an unauthorized mode.

28. (Previously Presented) An article comprising: a storage medium, having stored thereon instructions, that when executed, result in:

  operating in a secured connection on a first port with the first access point;

  presenting a first power saving mode to on the first port the first access point;

  establishing the secured connection on a second port with the second access point;

  presenting a second power saving mode on the second port to the second access point while dissociating with said first access point; and

APPLICANT(S):   FUDIM, Max et al.
SERIAL NO.:   10/647,212
FILED: August 26, 2003
Page 7

exiting the second power saving mode on the second port.

29.   (Previously Presented) The article of claim 28, wherein the instructions when executed, result in at least initiating establishing a secured connection with the second access point by:

associating with the second access point; and

creating a port authentication entity on the second port_with the second access point.

30.   (Previously Presented) The article of claim 29, wherein the instructions when executed, result in:

after exiting the first power saving mode with said first access point, receiving buffered data from the first access point.

31.   (Previously Presented) The article of claim 29, wherein the instruction when executed, result in:

unauthorizing the first port;

disassociating from the first access point;

authorizing the second port; and

associating with the second access point.